

Worksheet 44. Quantity Water Use (AF)				
Water Use	2013	2014	2015	
Crop Water Use				
1. Crop Evapotranspiration (ET)	841,545	766,249	747,248	
2. Leaching to Required Depth	51,046	62,966	73,168	
3. Cultural Practices	15,555	12,575	11,244	
4. Effective Precipitation	(8,275)	(6,309)	(30,742)	
Conveyance & Storage System				
4. Conveyance seepage	275	275	275	
5. Conveyance evaporation	-	-	-	[1]
6. Conveyance evaporation Spills	-	-	-	
7. Reservoir evaporation	8	8	8	[2]
8. Reservoir seepage	-	-	-	
Environmental Use	-	-	-	
9. Wetlands	-	-	-	
10. Other	-	-	-	
11. Riparian vegetation	-	-	-	
12. Recreational use	-	-	-	
Municipal and Industrial				
13. M&I	2,308	2,007	3,438	
14. Naval Air Station Lemoore	2,492	397	249	
Outside the District				
15. Transfers out of the service area	210	250	1,775	
Conjunctive Use				
16. Groundwater recharge	-	-	-	
Other				
Subtotal	905,165	838,418	806,662	

Water Budget Summary (AF)				
Water Accounting	2013	2014	2015	
Crop Water Use				
1. Water Supplies	1,058,614	902,131	875,580	
2. Water use	905,165	838,418	806,662	
3. Application Efficiency	86%	93%	92%	

[1] Closed pipe system no losses

[2] DWR's Bulletin_73_1979, pg. 14

Evap rate in the westside of SJV is 50 to 80 inches per year

Tank diameters range from 45 to 55'

31 tanks were factored in with average tank Dia. 50'